



Application for Water Use Permit or Permit Modification

Applicant Name & Address (please print)	This box for IDNR use only. Acct. No. 12-1201-25 (884-542-0072-AD-0597) Account stamp:
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INSTRUCTIONS:

Use this form to apply for a new water use permit or to apply for a modification of an existing permit. **DO NOT complete the entire form.** Read the instructions carefully, and then only complete those sections that are indicated in Section A for the type of water use permit that you need or the existing permit that you wish to modify. After you have completed the appropriate sections, fill out and sign the **Certificate** at the end of the form. Return the form, the corresponding map (as explained below), and the required \$25.00 application fee, to:

IDNR Water Supply Engineering Section
PO Box 14573
Des Moines, IA 50306-3573

PURPOSE FOR APPLICATION: Check #1 or #2 and then continue to Section A.

1. ☐ I wish to apply for a new water use permit, for the enclosed fee of \$25.00.
2. ☐ I wish to modify my existing water use permit, for the enclosed fee of \$25.00.

My existing water use permit number is: _____.

SECTION A: Type of Water Use Permit Needed

Select category 1, 2, or 3 below, to indicate which type of water use permit you need, or already have and wish to modify. Then, complete all sections of the application as indicated.

NOTE: You may need to select more than one of the choices listed here if you plan to use water for purposes that cross the categories 1, 2, or 3. For example, a golf course that uses water for a drinking water supply and also for irrigation would check both category 1 and category 2, and then complete all of the sections indicated under both of those categories. If a specific question does not apply to your situation, enter NA (for Not Applicable).

1. ☐ If you plan to withdraw water for MUNICIPAL, INDUSTRIAL, COMMERCIAL, or RECREATIONAL USES – check this box and complete all relevant portions of Sections B and C only.
2. ☐ If you plan to withdraw water for IRRIGATION of crops, golf courses, etc., check this box and complete all relevant portions of Sections B and D only.
3. ☐ If you plan to withdraw water for PRODUCTION OF SAND, GRAVEL, or ROCK MATERIALS, check this box and complete all relevant portions of Sections B and E only.

SECTION B: Inventory Information

Instructions: Surface water, complete Parts I & II. Groundwater, complete Parts I & III. Both, complete Parts I, II & III.						
Part I: General (to be completed by all applicants)						
1. Legal description of withdrawal site (add a page if more space is needed)	Quarter	Quarter	Section	Township	Range	County:
2. Legal description of land or property on which water is to be used (add a page if more space is needed)	Quarter	Quarter	Section	Township	Range	County:
3. Property is owned by:				4. Permit will be, or is currently, recorded in the name of:		
5. Attach a scale map or aerial photo. This application is incomplete without this information. a. Outline the property where water will be used, and clearly mark the location of the water source on the property; b. Show the locations of, distances to, well depths of, and pump depths of the nearest 3 wells owned by other people ; and c. For sand, gravel, and rock production only, show the exact location(s) of all wastewater discharge sites.						
Types of Sources:	Groundwater aquifer (wells)		Reservoir, lake, or pond		Quarry or gravel pit	Stream or river
6. Number of intakes for each type of source. If wells are used, give total number. Enter NA for sources that are not used.						
7. Maximum annual amount requested. Write in amount and check units used.	<input type="checkbox"/> acre-ft. <input type="checkbox"/> gal		<input type="checkbox"/> acre-ft. <input type="checkbox"/> gal		<input type="checkbox"/> acre-ft. <input type="checkbox"/> gal	<input type="checkbox"/> acre-ft. <input type="checkbox"/> gal
8. Maximum pumping rate requested for each type of source. Write in the rate, and then check the units used. For wells, the rate must be in gallons/minute.	<input type="checkbox"/> gallons/minute		<input type="checkbox"/> gal/min <input type="checkbox"/> cu ft/sec		<input type="checkbox"/> gal/min <input type="checkbox"/> cu ft/sec	<input type="checkbox"/> gal/min <input type="checkbox"/> cu ft/sec
9. Name of source (if named):				10. Distance from water source to the nearest stream or river: _____ <input type="checkbox"/> feet <input type="checkbox"/> miles		
11. Annual usage period (<i>Irrigation is allowed from 4/1 to 9/30 for general crops and from 4/1 to 10/31 for specialty crops</i>): Begin: _____ / _____ End: _____ / _____ <div style="display: flex; justify-content: space-around; width: 100%;"> Month Day Month Day </div>						
12. Requested period of validity for permit (10-year maximum):				13. New or modified water use is expected to begin on: _____ / _____ / _____ <div style="display: flex; justify-content: space-around; width: 100%;"> Month Day Year </div>		
Part II: Surface Water Sources (complete if using a stream, reservoir, lake, pond, quarry, or gravel pit)						
28. Type of surface water source: <input type="checkbox"/> Natural lake <input type="checkbox"/> Man-made lake/impoundment <input type="checkbox"/> River or stream				29. Name of source (if named):		
<i>If the water source is a natural lake or a man-made lake or impoundment, answer questions 30 – 32.</i>						
30. Total volume of source: _____ <input type="checkbox"/> acre-feet <input type="checkbox"/> gallons		31. Size of drainage area: _____ <input type="checkbox"/> acres <input type="checkbox"/> sq. miles			32. Surface area (in acres): _____ acres	

Part III: Groundwater Sources. <i>On map, mark applicant's new, modified, and recently abandoned wells.</i>			
Instructions: Answer items 14 – 26 for all new, existing, and proposed wells to be included in the permit. For wells that are "proposed", give estimates (marked "EST"), and send final information when the well is completed. Attach extra sheets if more than 3 wells are to be used.			
14. For each well to be used, list the well number, if wells are numbered.	Well Number:	Well Number:	Well Number:
15. For each well, check one of the categories:	<input type="checkbox"/> new <input type="checkbox"/> already existing <input type="checkbox"/> already existing but modified for use	<input type="checkbox"/> new <input type="checkbox"/> already existing <input type="checkbox"/> already existing but modified for use	<input type="checkbox"/> new <input type="checkbox"/> already existing <input type="checkbox"/> already existing but modified for use
16. Date constructed or modified. Enter "Proposed" if construction or modification is not yet completed.			
17. Name of the aquifer from which the well draws water:			
18. Diameter of well casing, in inches:			
19. Length of well casing, in feet:			
20. Depth to bottom of well, in feet:			
21. Static water level, in feet: (the level of water when not pumping)			
22. Pumping water level, in feet: (level of water when pumping)			
23. Pump capacity, in gallons/minute			
24. Depth of pump below ground surface, in feet:			
25. Water meter(s) installed:	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
26. Distance from the nearest well shown for Item 5(b) and each of the wells to be included in the permit:	_____ <input type="checkbox"/> feet <input type="checkbox"/> miles	_____ <input type="checkbox"/> feet <input type="checkbox"/> miles	_____ <input type="checkbox"/> feet <input type="checkbox"/> miles
27. List plugged wells (provide each well number, if any). Mark the location on the map (required in Item 5b), and label as "plugged well".			

SECTION C: Beneficial Use

Part I: Community Public Water Supplies		
33. Present annual water use: _____ gallons	34. Expected maximum population to be served during the life of the permit: _____ people	35. Expected maximum annual usage within the next 10 years: _____ gallons
36. Reason permit or permit modification is needed. Provide a detailed explanation of planned water use:		

Part II: Industrial & Commercial Uses		
37. Maximum annual water usage expected during the life of the permit: _____ <input type="checkbox"/> gal/yr <input type="checkbox"/> acre-ft/yr	39. Is drinking water purchased from a public water supply? <input type="checkbox"/> Yes <input type="checkbox"/> No If No, list your water supply operation permit number if you are required to have one. Contact IDNR if you have questions at 515/725-0282. PWSID: _____	40. Is wastewater discharged to a municipal sewer system? <input type="checkbox"/> Yes <input type="checkbox"/> No If No, list your wastewater discharge permit number. See NOTE at end of form. No: _____
38. List purposes for which water is to be used and amounts expected to be consumed by each use:		

SECTION D: Irrigation

<i>Irrigation is allowed from April 1 through September 30 for general crops, and from April 1 through October 31 for specialty crops.</i>	
41. Total number of acres of property size: _____ acres	43. Total number of acres to be irrigated. Outline area on map. _____ acres
42. Type of irrigation equipment to be used: <input type="checkbox"/> Center-pivot <input type="checkbox"/> Traveling gun <input type="checkbox"/> Gated pipe <input type="checkbox"/> Other, specify: _____	44. Types of crops to be irrigated and acres of each. Golf courses must list acres of (a) greens; (b) tees, and (c) fairways, separately.

SECTION E: Production of Sand, Gravel, or Rock

Part I: Location and Dimensions. <i>On map, show pit, stockpile, water source, and point of discharge.</i>			
45. Name of quarry or pit:		46. Location of quarry or pit on property:	
47. Current area of quarry or pit: _____ acres		48. Maximum area over life of the permit: _____ acres	
49. If lateral expansion is planned, in what direction will it be?		50. Average thickness of overburden: _____ feet	
51. Total thickness of the sand, gravel, or rock formation: _____ feet		52. If this is a quarry operation, describe the geologic formation:	
Average:	53. Present depth of excavation	54. Expected depth within permit life:	55. Primary use for material produced:
	_____ feet	_____ feet	_____ feet
Maximum:	_____ feet	_____ feet	_____ feet

Part II: Water Resources				
Questions 56 – 59: Information about the water in the quarry or pit under static (non-pumped) conditions.				
56. Surface area of water: _____ acres		57. Static water level – distance from top of pit to water: _____ feet		
58. Average water depth in pit: _____ feet		59. Maximum water depth in pit: _____ feet		
60. Estimate of amount of water lost by evaporation or hauled away in aggregate per year: _____ <input type="checkbox"/> acre-feet _____ <input type="checkbox"/> gallons		61. Maximum amount of water to be withdrawn per year for drainage of pit: _____ <input type="checkbox"/> acre-feet _____ <input type="checkbox"/> gallons		
62. Percent of total annual water usage at this location obtained from a stream or river: _____ %	63. Pump(s) used for Stream withdrawal, if applicable: <input type="checkbox"/> portable <input type="checkbox"/> permanent		64. Capacity of pump(s) used for stream withdrawal, if applicable: _____ gal/min	
Part III: Relation to Nearest Watercourse				
65. Name of watercourse (if named):				
66. Distance from watercourse at the nearest point: a. to the quarry or pit: _____ feet b. to the stockpile: _____ feet		67. Area of stockpile: _____ square feet		
Part IV: Relation to Nearby Wells				
68. Nearest well is owned or controlled by: <input type="checkbox"/> applicant <input type="checkbox"/> other(s)		69. If Applicant has a well, list the distance from that well to the quarry or pit: _____ <input type="checkbox"/> feet _____ <input type="checkbox"/> miles		70. Distance from the nearest well shown in 5(b) and the quarry or pit: _____ <input type="checkbox"/> feet _____ <input type="checkbox"/> miles
70. In what direction is the nearest well shown in 5(b) from the quarry or pit?		71. For what purpose is the well in 5(b) used:		
72. Has there been any complaint that the past or present operations have affected neighboring wells? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please explain:				
Part V: Dewatering. Since dewatering of the quarry or pit may lower water levels in nearby wells, any permit authorizing dewatering may be modified or revoked if said dewatering causes substantial damage to other users.				
73. Number of pumps used to dewater: _____	Pumps used for dewatering (if more than three, attach additional pages)			
	74. Discharge size (inches):	Pump 1	Pump 2	Pump 3
	75. Capacity (gallons/minute):			

76. By how many feet will the water level in the pit be lowered below the static water level listed in item 57? <div style="border-bottom: 1px solid black; width: 80%; margin-left: 0;"></div> feet	77. Discharge permit number(s): (see NOTE below) Number: <div style="border-bottom: 1px solid black; width: 80%; margin-left: 0;"></div>			
78. Where will the water that you withdraw be discharged? Be specific. Indicate the discharge point on the map. <div style="border: 1px solid black; height: 60px; margin-top: 5px;"></div>				
Part VI: Washing or Pugging				
79. Total annual usage: <div style="border-bottom: 1px solid black; width: 80%; margin-left: 0;"></div> gallons	80. Wash plant pump capacity: <div style="border-bottom: 1px solid black; width: 80%; margin-left: 0;"></div> gallons/min.			
Dimension	81. Give dimensions for each settling basin. Add additional pages if you use more than 4 basins.			
	Basin No. 1	Basin No. 2	Basin No. 3	Basin No. 4
Length, in feet				
Width, in feet				
Depth, in feet				
NOTE: Discharges of water in Iowa are not allowed in Iowa without the proper permit. Contact IDNR for information about water discharge permits.				

CERTIFICATION

Certificate: I certify that the above information is true and correct to the best of my knowledge, and that I will furnish such additional information to the Department as may be requested.	
Applicant name and address (print legibly): <div style="border: 1px solid black; height: 40px; margin-top: 5px;"></div>	
Telephone number: <div style="border-bottom: 1px solid black; width: 200px; margin-left: 0;"></div> E-mail address: <div style="border-bottom: 1px solid black; width: 200px; margin-left: 0;"></div>	
Relationship to permit holder: <input type="checkbox"/> Permit holder <input type="checkbox"/> Agent <input type="checkbox"/> Tenant <input type="checkbox"/> Other (specify):	
Signature: <div style="border-bottom: 1px solid black; width: 400px; margin-left: 0;"></div>	Date: <div style="border-bottom: 1px solid black; width: 150px; margin-left: 0;"></div>